



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re PATENT APPLICATION of SCHMALJOHN AND HOOPER

Appln. No.: 09/491,974

Group Art Unit: 1632

Filed: January 27, 2000

Examiner: J. Woitach

Title: DNA Vaccine Against Hantavirus Infection

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June 30, 2003

AMENDMENT

Hon. Commissioner of Patents
and Trademarks
Washington, D.C. 20231

Sir:

Responsive to the Final Office Action dated November 4, 2002, and the Advisory Action dated March 5, 2003, in connection with the above-identified application, please enter the following amendments and consider the following remarks.

IN THE CLAIMS:

Please amend claim 28 as follows.

28. (Twice Amended) A composition that confers protective immunity against Hantavirus infection, comprising

- e1
- (a) an inert particle suitable for carrying a polynucleotide stably coated thereon,
and
 - (b) a polynucleotide coated onto the particle, which polynucleotide comprises a promoter operative in a mammalian cell and a hantavirus M gene segment encoding a G1 glycoprotein and a G2 glycoprotein,

wherein expression of both G1 glycoprotein and G2 glycoprotein is effective to confer protective immunity against Hantavirus infection.